

Revision 9:
12/15/2023



AFTIP

**AVIATION FLIGHT TECHNOLOGY
INFORMATION PACKET**



EMU Aviation Flight Technology Information Packet (AFTIP)

Thank you for your interest in EMU Aviation. In order to facilitate the application and acceptance process, we encourage you to complete the following checklist items. On our website at www.emich.edu/aviation application dates and deadlines are posted. Waiting to return and/or complete the checklist items could result in unnecessary delays in your education. We are excited to welcome you aboard!

- **Apply to Eastern Michigan University:** emich.edu/apply
 - **Apply for Financial Aid, Grants, and Scholarships**
 - **Obtain a First Class Flight Medical:** Information is on a following page
 - **Submit your Aviation Intent Application and References:** Available online under Aviation Flight Technology Program at www.emich.edu/aviation
 - **Receive your Flight Decision email:** Make sure you monitor your emich.edu email account
 - **Submit your Initial Flight Training Application:** Submit this for the semester you would like to start flying
 - **Sign up for Flight Training at Crosswinds Aviation:** Complete all items at <https://www.crosswindsaviation.com/signup/>. There are 3 forms to complete and documents that are required to be emailed. Please make sure to complete everything otherwise you will not be able to book your flight lessons.
 - **Complete your orientation at Crosswinds Aviation:** After completing all items on the signup page, please email info@crosswindsaviation.com and request an orientation. This will ensure that you have the required flight training supplies, know how to schedule flights, and know how to come prepared to your flight lessons.
 - SOAR is the first event of our Orientation process and is where first year students starting at EMU in a Fall semester will meet their academic advisor and register for their first semester of classes.
 - Sign up for SOAR Orientation: <https://www.emich.edu/orientation/soar/index.php>
 - Register for Classes: See suggested plan - *To avoid delayed funding: **register early!***
- *If you have did not attend SOAR or Transfer in a Day - Please meet with a College of Engineering and Technology Adviser (734.487.8659).*
- **Complete your Financial Plan and the Financial Aid Checklist**
 - **Continuously check your emich.edu and personal email for additional actions:** Please respond to emails in a timely manner to ensure no delay in your training.
 - **For International -OR- VA Students ONLY:** Complete the additional checklist

**IF YOU HAVE QUESTIONS PLEASE CONTACT MR. VOSBURGH AT HIS EMAIL:
JVOSBURG@EMICH.EDU**

Apply to EMU.
 After acceptance... use
 the following 'Flight Plan'
 to assist



Submit Online Aviation Intent Form
<http://tiny.emich.edu/AVFTAPP>



Sign up for classes and Flight labs.
 Note: The registration system will not allow
 registration without prerequisites and corequisites



To sign up for classes



To sign up for Flights

Prerequisites: (must for everyone)
 AVT 100, 110, 120 (C grade or higher)

1. Go to <https://www.crosswindsaviation.com/>
 2. On the home page click on the "Scheduler" tab
 and sign up for Flights by booking Aircraft and Flight
 Instructor



PRIVATE PILOT CERTIFICATION (1 year)
Prerequisites: (if you have private pilot certification, coming here then your credits can
 be transferred and no need of taking below prerequisites)
 1. AVFO 170 Aviation Ground Instruction ("B" grade or higher)
 Corequisite :175A ("B" grade or higher)
 2. AVFO 175A Private Pilot Certification
 Corequisite: 170 ("B" grade or higher)
 3. AVFO 175B Private Pilot Certification
 Prerequisite: AVFO 170 with "B" or higher and AVFO 175A with "B" or higher

- After completing the above prerequisites, students are going to fill the second admission form to get
 accepted into the program
<https://www.emich.edu/cet/tech-professional-mgmt/programs/aviation/documents/index.php>



INSTRUMENT CERTIFICATION (1 semester)
 1. AVFO 240 Instrument Ground Instruction
 Prerequisite: AVFO 170 ("B" grade or higher)
 2. AVFO 245 Instrument Pilot Certification
 Corequisite: AVFO 240 – must take concurrently

Suggested Simultaneous courses
 AVT 208, AVFT 215, AVMT 220





COMMERCIAL CERTIFICATION (2 to 3 semesters)

1. AVFO 360 Commercial Ground Instruction
Prerequisite: AVFO 240 with a "B" or higher and AVFO 245 with a "B" or higher
Corequisite: AVFO 361
2. AVFO 361 Commercial Time Building
Prerequisite: AVFO 240 with a "B" or higher and AVFO 245 with a "B" or higher
Corequisite: AVFO 360
3. AVFO 371A Commercial Pilot Certification (**Prior to Long Commercial cross country**)
Prerequisite: AVFO 360 with a "B" or higher and AVFO 361 with a "B" or higher
4. AVFO 371B Commercial Pilot Certification (**After Long Commercial cross country**)
Prerequisite: AVFO 371A with a "B" or higher



**To Graduate, Students should select either of the following
(1 semester)**

1. AVFO 382 ground theory and Practice of Flight Education
Prerequisite: AVFO 361 with a "B" or higher
- OR
2. AVFO 426 Multi-Engine Flight Instruction

Dispatch Certifications (Elective)

- *AVMT 363 Aircraft Dispatch I
- *AVMT 463 Aircraft Dispatch II

NOTE:

- You MUST finish the certificate you are working on in order to proceed to the next, or have permission from your flight instructor.
- Financial Aid will not be released to you until you complete the previous flight class, unless authorized.
- Students need to own a car (or have access) to get to the Airport.
- AVFO 175A/175B are at the Airport, and are scheduled flight times with a certified instructor using flight schedule pro.
- AVFO 245 , 361, 371A and 371B are also at the Airport, and are scheduled flight times with a certified instructor using flight schedule pro.





Frequently Asked Questions

When do I start flying? Your first week in the program. All of your lessons are one-on-one.

Can I rent the airplane outside of normal class time? Yes! It is encouraged! See rate sheet for rental costs.

Can I take passengers? Yes! After you receive your private certificate, you are allowed to take passengers.

How many times should I fly each week? It is strongly recommended that you fly at least 2 or more times a week. The more you fly the faster you will receive your certificates, and potentially save money.

Can I fly over summer? Yes! We train all year round!

Does the winter weather shut down training? Sometimes. Weather is a big factor to operations. This is a great opportunity to complete your ground lessons.

Is there ROTC programs? Yes! Eastern offers Army ROTC, University of Michigan offers dual enrollment for Navy and Air Force ROTC.

How far is the airport from campus? Is there transportation to/from campus? Our Willow Run facility is about 10 min drive (5 miles) from campus. We also offer the convenience for our commuter students to fly from any one of our other locations a Howell, Pontiac, and Flint. No there is no transportation to/from campus.

Are there aviation related student organizations on campus? Yes! Alpha Eta Rho, Sigma Chi is an aviation related student organization on campus. The organization prides itself in its approach to the aviation field, fostering camaraderie, friendship, networking, and support. We also have a chapter of the Women in Aviation Organization. Membership is open to all collegiate men and women.

Is there job opportunity during college? Yes! In addition to the traditional college jobs on campus (housing, dining, etc.) There are aviation related jobs offered. Delta Air Lines hires students and offers internships. We are located in the epicenter of aviation industry. There are many companies at Detroit Metro Airport, Willow Run Airport and Ann Arbor Airport that hire students. Crosswinds Aviation hires Flight Instructors.

How much does flight training cost? Is it in addition to tuition? About \$70,000 for more details see rates sheet. Yes, flight training costs are in addition to tuition. Make sure you can secure the necessary funds before starting.

Can I use scholarships, grants, student aid and student loans to fund my flight time? Yes! Contact financial aid to discuss your options: emich.edu/finaid.

Do I have to take a physical to start training? Yes. You have to complete a medical. We suggest getting a Class I Medical. Contact our enrollment coordinator for more details. **I wear glasses and/or contacts can I still fly?** Yes, see your AME for more details.

What certificates will I complete while at EMU and how long will it take to complete them? You will earn your Private Pilot Certificate (about 6-9 months), Instrument Rating (about 5-6 months), Commercial Pilot Certificate (about 1 year), you then have an option to complete either your Certified Flight Instructor or Multi-Engine Commercial Rating (about 6 months). In total it can take about 2 ½ to 4 years to complete. You also do have the option to complete Certified Flight Instructor: Instrument, and Certified Flight Instructor: Multi-Engine.

I have my Private Pilot Certificate; can I transfer it in? Yes! We cannot, however, accept anything higher than a Private Pilot Certificate.

What type of aircraft will I be flying? Our fleet is comprised of several Diamond DA20's, Diamond DA40's, Cessna 172's, and twin Comanche. In addition, we have several FAA certified simulators we use to help reduce flight costs.

Will I be able to fly jets leaving the program? No. We train you to get your commercial certificate. Usually the company that hires you after graduation will train you on a specific aircraft (jet or otherwise).

How many hours will I graduate with? 250-350 hours.

How do I build hours so the airlines will hire me?

Crosswinds Aviation hires its own Flight Instructors from the graduation pool each year. An active instructor can build approximately 1,000 hours of flight time in a year. You don't have to instruct to build hours you can also do: Aerial survey, pipeline patrol, sky diving operations, just to name a few.

Will those hours count after graduation? Yes! Hours are hours and they accumulate your entire career.

What are EMU Aviation alumni doing now? We have alumni all over the industry from: Delta, United, American, ExpressJet, Endeavor, Kalitta Air, Kalitta Charters, USAJet to name a few.

I'm unsure about training. Can I take an introductory flight? Yes! Contact us at info@crosswindsaviation.com for special rate.

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AVIATION

Estimated Flight Training Fees

	Private	Instrument	Commercial	CFI	CFII	Multi Commercial	MEI
DA20 Hours	70	0	100	15	0	0	0
Rate (including MI Use Tax)	\$179.14	\$179.14	\$179.14	\$179.14	\$179.14	\$179.14	\$179.14
Subtotal	\$12,539.80	\$0.00	\$17,914.00	\$2,687.10	\$0	\$0.00	\$0.00
DA40/c172 Hours	0	30	10	0	10	0	0
Rate (including MI Use Tax)	\$200.34	\$200.34	\$200.34	\$200.34	\$200.34	\$200.34	\$200.34
Subtotal	\$0.00	\$6,010.20	\$2,003.40	\$0.00	\$2,003.40	\$0.00	\$0.00
Twin Comanche Hours	0	0	0	0	0	25	15
Rate (including MI Use Tax)	\$399.00	\$399.00	\$399.00	\$399.00	\$399.00	\$399.00	\$399.00
Subtotal	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9,975.00	\$5,985.00
Instructor Hours	70	70	40	70	20	30	20
Rate	\$59.00	\$64.00	\$64.00	\$64.00	\$64.00	\$75.00	\$75.00
Subtotal	\$4,130.00	\$4,480.00	\$2,560.00	\$4,480.00	\$1,280.00	\$2,250.00	\$1,500.00
Simulator Hours	0	30	10	0	10	0	0
Rate	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
Subtotal	\$0.00	\$1,500.00	\$500.00	\$0.00	\$500.00	\$0.00	\$0.00
Supply Kit	\$449.00	\$299.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00
Written	\$150.00	\$150.00	\$150.00	\$300.00	\$150.00	\$150.00	\$150.00
Checkride Free	\$800.00	\$800.00	\$800.00	\$1,200.00	\$800.00	\$800.00	\$800.00
Total	\$18,068.80	\$13,239.20	\$24,027.40	\$8,767.10	\$4,833.40	\$13,275.00	\$8,535.00
Cumulative Total	\$18,068.80	\$31,308.00	\$55,335.40	\$64,102.40	\$68,935.90	\$82,210.90	\$90,745.90



Estimated Flight Training Fees

The Private Pilot Certificate is spread over 2 semesters: AVFO 175a up to first solo flight and AVFO 175b finishing with the private Pilot checkride.

The Instrument Pilot Rating is spread over 1 semester : AVFO 245 finishing with the instrument Rating checkride.

The Commercial Pilot Certificate is spread over 3 semesters : AVFO 361 up to the complex Endorsement and AVFO 371 a and 371b finishing with the commercial pilot checkride.

Multi (AVFO 426), CFI (AVFO 427), CFII (AVFO 428), and MEI (AVFO 429) are all spread over 1 semester each finishing with the checkride.

Flight Major students must obtain their Private Pilot Certificate, Instrument Rating, Commercial Pilot Certificate Pilot Certificate, and either CFI or Multi-Engine to meet the requirements of the program.

Estimated Flight Training costs are based on previous EMU: Aviation flight students average experiences. Estimated hours do not guarantee a certificate or rating: total flight training cost will vary for each student depending on how well the student progresses. These fees are in addition to tuition at Eastern Michigan University.

Private Pilot, Commercial, and CFI students have the option of training in the DA 40 or the Cessna 172 instead of the DA 20 at the hourly rental rates listed below.

Training Rates

This breakdown is NOT in addition to the estimated flight training costs. These training rates can assist you in estimating your flight training costs on an hourly basis.

Resource	Rate/hour (w/MI use tax)
Diamond DA 20	\$179.14
Diamond DA 40/ C172	\$200.34
Twin Comanche (Multi-Engine)	\$399.00
Frasca RTD Simulator	\$50.00
Instruction (Private Pilot)	\$59.00
Instruction (Advanced)	\$64.00 - \$75.00

A typical lesson is about 1.5 hours.



Applying for a Flight Medical

In order to start flight training, EMU Students must acquire a First Class Flight Medical. You must obtain a Flight Medical from an FAA approved physician known as an Aviation Medical Examiner (AME). Second and Third Class Flight medical certificates are not acceptable. The reason for this requirement is the airline industry requires the First Class Medical and we do not want you to begin training only to find out you do not qualify.

Below is a list of Aviation Medical Examiners in the surrounding area. You may also elect to use an Aviation Medical Examiner of your choosing. Keep in mind; not all Aviation Medical Examiners perform First Class Flight Medicals. Please make sure to schedule an appointment with an appropriate Aviation Medical Examiner. You can find one in your area here: faa.gov/pilots/amelocator

After you locate an Aviation Medical Examiner near you, complete the initial portion of the medical flight application. You can access the application through FAA MedXpress: medxpress.faa.gov

If you have underlying medical conditions or concerns about the application, you should consult the Aviation Medical Examiner **BEFORE** submitting the application.

Dr. Robert J. Gordon, D.O.

965 S. Main Street Plymouth, MI 48170
Office Phone: 734-455-3530 (Schedule and complete the form at www.pilotdr.com)

Dr. Dana Busch, D.O.

965 S. Main Street Plymouth, MI 48170
Office Phone: 734-455-3530 (Schedule and complete the form at www.pilotdr.com)

Flight Medical Certificate Privileges

First Class Flight Medical: Exercising the pilot-in-command privileges of an airline transport pilot certificate; exercising the second-in-command privileges of an airline transport pilot certificate; When serving as a required pilot flight crew member.

Second Class Flight Medical: Second-in-command privileges of an airline transport pilot certificate; exercising privileges of a commercial pilot certificate.

Third Class Flight Medical: Exercising the privileges of a private pilot certificate; exercising the privileges of a private pilot certificate; exercising the privileges of a student pilot certificate; exercising the privileges of a flight instructor certificate and acting as the pilot in command; taking a practical test in an aircraft for a recreational pilot, private pilot, commercial pilot, or airline transport pilot certificate, or for a flight instructor certificate.

For a summary of medical standards and disqualifying conditions, please visit:

faa.gov/about/office_org/headquarters_offices/avs/offices/aam/ame/guide/standards/



Admission to the Aviation Flight Technology Program (Second Admit Policy)

Requirements for Admission

Upon acceptance into EMU, students are coded as *Aviation Flight - Intent*. To be considered for admission, students must meet the following requirements and submit an application.

1. A minimum EMU cumulative GPA of 2.3 (C+ average). If a student has not yet established an EMU GPA, a combined GPA of 2.3 from all transfer institutions will be accepted.
2. The following courses (or equivalent transfer credit or documentation) are to be completed prior to admission with a grade of **"C" or higher** and count toward the total credit hours required for this major.
 - a. AVMT 110 - Aircraft Maintenance Management
 - b. AVMT 120 - Flight Operations I
 - c. AVT 100 - Introduction to Air Transportation
3. The following courses (or equivalent transfer credit or documentation) are to be completed prior to admission with a grade of **"B" or higher** and count toward the total credit hours required for this major.
 - a. AVFO 170 - Aviation Ground Instruction
 - b. AVFO 175a - Private Pilot Certification I
 - c. AVFO 175b - Private Pilot Certification II
4. Complete the Private Pilot license within one calendar year of initial registration for AVFO 175a.

Additional Information

- If the FAA Private Pilot Written Exam was completed before entering EMU, the student must present the official FAA Private Pilot Written Exam score as documentation of successfully passing the exam. Appropriate credit for AVFO 170 will be applied to the student's academic transcript.
- If the Private Pilot Certificate was obtained before entering EMU, the student must present the FAA Private Pilot license. (Presenting the written exam score, as stated above, is not necessary.) Appropriate credit for AVFO 170, AVFO 175a, and AVFO 175b will apply to the student's academic transcript.

Application Process

1. Attend a mandatory meeting as scheduled by the aviation faculty. These meetings will be held once a semester to discuss application procedures, program policies, program costs, and other topics pertinent to completion of the aviation curriculum.
2. Complete all of the requirements for admission that are listed above.
3. Submit an application, with appropriate documentation, by October 1, February 1, or July 1. Application forms are available online at emich.edu/aviation under the "Forms and Documents" tab.

Decision Notification Process

Students will be notified by my.emich email after the aviation faculty makes a decision. The program faculty will notify the student no later than three weeks before the start of the semester following the application.

Retention Policy

In addition to the secondary admission requirements, students are required to:

- Maintain a cumulative GPA of at least 2.3 (C+) on a 4.0 scale. A student whose cumulative GPA falls below 2.3 will be placed on program probation for the next succeeding term (or two semesters if the student is a part-time student—defined as taking 11 credits or less). If the student fails to raise his or her cumulative GPA to 2.3 or higher with the grades earned during the probationary term(s), the student will be dismissed from the program. Students may reapply for admission once their GPA is raised to 2.3 or higher.
- A student who fails to earn a B grade or higher in any AVFO course will be placed on probation or not be permitted to progress in the flight Program after meeting with the Program Coordinator, the Chief Pilot, and the Instructor.

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AVIATION

Aviation Flight Technology Program of Study

Aviation Core Requirements	Offering	48 Credits
AVT 100 - Intro to Air Transportation	Fall, Winter	3 Credits
AVMT 110 - Aircraft Maintenance I	Fall, Winter	3 Credits
AVMT 120 - Flight Operations I	Fall, Winter	3 Credits
AVT 208 - Aviation Human Factors	Fall, Winter	3 Credits
AVFT 215 - Aviation Weather	Fall, Winter	3 Credits
AVMT 220 - Flight Operations II	Winter	3 Credits
AVFT 222 - Intro to Automation in Aviation	Winter	3 Credits
AVFT 263 - Aircraft Systems	Winter	3 Credits
AVT 303 - Aviation Law and Insurance	Fall, Winter	3 Credits
AVT 313 - Aviation Industry Regulations	Fall, Winter	3 Credits
AVT 320 - Aviation Safety	Winter	3 Credits
AVFT 321 - Cockpit Resource Management	Winter	3 Credits
AVT 330 - Aerodynamics	Winter	3 Credits
AVFT 419 - High Altitude Flight	Fall	3 Credits
AVT 422 - Senior Seminar	Fall, Winter	3 Credits
BMMT 300W - Research and Writing: The Technology Career Perspective (GEWI)	Fall, Winter, Summer	3 Credits
Required Aviation Ground Courses		8 Credits
AVFO 170 - Aviation Ground Instruction (To be taken concurrently with AVFO 175a)	Fall, Winter	3 Credits
AVFO 240 - Instrument Ground Instruction (To be taken concurrently with AVFO 245)	Fall, Winter	3 Credits
AVFO 360 - Commercial Ground Instruction (To be taken concurrently with AVFO 361)	Fall, Winter	2 Credits
Required Aviation Flight Courses		18 Credits
(Students will be assigned 3 to 4 lessons a week. Student's schedules must allow for timely completion by scheduling themselves accordingly.)		
AVFO 175a - Private Pilot Certification (Flight)	Fall, Winter, Summer	3 Credits
AVFO 175b - Private Pilot Certification (Flight)	Fall, Winter, Summer	3 Credits
AVFO 245 - Instrument Pilot Certification (Flight)	Fall, Winter, Summer	4 Credits
AVFO 361 - Commercial/Complex Flight Instruction (Flight)	Fall, Winter, Summer	3 Credits
AVFO 371a - Commercial Certification (Flight)	Fall, Winter, Summer	3 Credits
AVFO 371b - Commercial Certification (Flight)	Fall, Winter, Summer	2 Credits
Required Restricted Flight Elective Courses		Possible 8 Credits
(Students must choose: AVFO 382 & 426 -OR- AVFO 427;		
AVFO 382 – Theory and Practice of Flight Education	Winter	3 Credits
AVFO 426 - Multi Engine Flight Instruction (Flight)	Fall, Winter, Summer	3 Credits
AVFO 427 - Flight Instructor: Airplane (Flight)	Fall, Winter, Summer	2 Credits
Additional Aviation Flight Elective Courses		Possible 13 Credits
AVMT 387L4 - Cooperative Education in Aviation Technology	Fall, Winter, Summer	3 Credits
AVMT 363 - Aircraft Dispatch I	Fall	3 Credits
AVMT 463 - Aircraft Dispatch II	Winter	3 Credits
AVFO 428 - Flight Instructor - Instrument (Flight) (Optional)	Fall, Winter, Summer	2 Credits
AVFO 429 - Flight Instructor - Multi Engine (Flight) (Optional)	Fall, Winter, Summer	2 Credits



General Education Requirements

Area I: Effective Communication

WRTG 121 - Writing
COMM 124 - Fundamentals of Speech

6 Credits
3 Credits
3 Credits

Area II: Quantitative Reasoning (QR)

MATH 110 - Mathematical Reasoning

3 Credits
3 Credits

Area III: Perspective on a Diverse World

One course in Global Awareness
One course in U.S. Diversity

6 Credits
3 Credits
3 Credits

Area IV: Knowledge of the Disciplines

Two courses in Arts (Different Prefixes)
Two courses in Humanities (Different Prefixes)
Two courses in Natural Sciences (Different Prefixes)
Two courses in Social Science (Different Prefixes)

26 Credits
6 Credits
6 Credits
6 Credits
6 Credits

Area V: Learning Beyond the Classroom (LBC) - Satisfy two of the following

Self and Well -Being
Community Service, Citizenship, and Leadership
Cultural, Academic Activities and Events
Career and Professional Development
International and Multicultural Experience
Undergraduate Research

Some possible opportunities to fulfill LBC credits at NO Tuition cost:

- Alpha Eta Rho, Sigma Chi Events
- Officer in a Student Organization
- Groups on Campus
- Ambassadors on Campus
- Yankee Air Force Museum Volunteer
- Air Force & Naval ROTC
- Aviation Co-Op

[Get Help-Contact List](#)

School of Technology & Professional Services Management

Paul Majeske	School Director (I)	210 Roosevelt Hall	734.487.1161	pmajeske@emich.edu
Jason Vosburgh	Aviation Flight PC	206C Roosevelt Hall	734.487.8429	jvosburg@emich.edu
Neel Karia	Flight and Safety Coordinator	206J Roosevelt Hall	734.487.4691	nkaria@emich.edu
Sherry Spencer	Academic Adviser	203 Sill Hall	734.487.0400	sspencer@emich.edu

Crosswinds Aviation

Matt Dahline	Owner	YIP, OZW, PTK, FNT	517.552.1101	matt@crosswindsaviation.com
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Eastern Michigan University

Registration		303 Pierce Hall	734.487.2300	registrar@emich.edu
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FLYING EAGLES



AVIATION

Aviation Management Technology Program of Study

	Offering	33 Credits
Aviation Core Requirements		
AVT 100 - Intro to Air Transportation	Fall, Winter	3 Credits
AVFO 170 – Aviation Ground Instruction	Fall, Winter	3 Credits
AVMT 110 - Aircraft Maintenance I	Fall, Winter	3 Credits
AVMT 120 - Flight Operations I	Fall, Winter	3 Credits
AVT 208 - Aviation Human Factors	Fall, Winter	3 Credits
AVMT 220 - Flight Operations II	Fall, Winter	3 Credits
AVMT 315 – Airport Management	Fall	3 Credits
AVT 303 - Aviation Law and Insurance	Winter	3 Credits
AVT 313 - Aviation Industry Regulations	Fall, Winter	3 Credits
AVT 320 - Aviation Safety	Fall, Winter	3 Credits
AVMT 340 – Aviation Management/Certified Member	Winter	3 Credits
AVMT 387L4 – Co-Operative	Fall, Winter, Summer	3 Credits
AVT 422 - Senior Seminar	Fall, Winter	3 Credits
BMMT 300W - Research and Writing: The Technology Career Perspective (GEWI)	Fall, Winter, Summer	3 Credits
		3 Credits
Business Concentration Courses		15 Credits
Complete 15 hours of additional business classes not in the General Business Minor		
Dispatch Concentration Courses		
AVFO 240 - Instrument Ground Instruction	Fall, Winter	3 Credits
AVFT 215 - Aviation Weather	Fall, Winter	3 Credits
AVFT 263 – Aircraft Systems	Winter	3 Credits
AVMT 363 – Dispatch I	Fall	3 Credits
AVMT 463 Disapatch II	Winter	3 Credits
		15 Credits



Aviation Flight Curriculum (AVFT) Four-Year Plan

Year 1

Fall

AVT 1003
 AVMT 110.....3
 AVFO 170.....3
 AVFO 175a.....3
 WRTG 121.....3
Total15

Winter

AVMT 120.....3
 AVFO 175b.....3
 COMM 124.....3
 QR.....3
 Gen Ed3
Total15

Year 2

Fall

AVT 2083
 AVFT 2153
 AVMT 220.....3
 AVFO 240.....3
 AVFO 245.....4
Total16

Winter

AVFT 2223
 AVFT 2633
 AVT 3133
 AVFO 360.....2
 AVFO 361.....3
 Gen Ed3
Total17

Year 3

Fall

AVT 3033
 AVT 3203
 AVFO 371a.....3
 Gen Ed3
 Gen Ed3
 Gen Ed3
Total18

Winter

AVFT 3213
 AVFO 371b.....2
 AVT 3303
 Nat Science4
 Gen Ed3
Total15

Year 4

Fall

AVFO 382 Elect 3
 AVFO 426 Elect 3
 AVFO 427 Elect 2
 Nat Science4
 AVT 4223
Total15

Winter

AVFT 4193
 AVFO 428 Elect 2
 AVFO 429 Elect 2
 BMMT 300W.....3
 Gen Ed3
 Gen Ed3
Total16

This particular plan shows a total of 133 hours. Each student's hours may vary, depending on needs and interests. Blue denotes Flight courses and their co-requisite "Ground Schools."



Aviation Flight Curriculum with Dispatch (AVFT) Four-Year Plan

Year 1

Fall

AVT 100	3
AVMT 110.....	3
AVFO 170.....	3
AVFO 175a.....	3
WRTG 121.....	3
Total	15

Winter

AVMT 120.....	3
AVFO 175b.....	3
COMM 124.....	3
QR.....	3
Gen Ed	3
Total	15

Year 2

Fall

AVT 208	3
AVFT 215.....	3
AVMT 220.....	3
AVFO 240.....	3
AVFO 245.....	4
Total	16

Winter

AVFT 222	3
AVFT 263	3
AVT 313	3
AVFO 360.....	2
AVFO 361.....	3
Gen Ed	3
Total	17

Year 3

Fall

AVT 303	3
AVT 320	3
AVFO 371a.....	3
Gen Ed	3
Gen Ed	3
Gen Ed	3
Total	18

Winter

AVFT 321	3
AVFO 371b.....	2
AVT 330	3
Nat Science	4
Gen Ed	3
Gen Ed	3
Total	18

Year 4

Fall

AVFO 382 Elect	3
AVFO 426 Elect	3
AVFO 427 Elect	2
Nat Science	4
AVT 422	3
Dispatch I Elect..	3
Total	18

Winter

AVFT 419	3
AVFO 428 Elect	2
AVFO 429 Elect	2
Dispatch II Elect	3
BMMT 300W.....	3
Gen Ed	3
Total	16

This particular plan shows a total of 133 hours. Each student's hours may vary, depending on needs and interests. Blue denotes Flight courses and their co-requisite "Ground Schools."



Applying for Financial Aid, Grants and Scholarships

General Financial Aid Information

- † Financial aid is available for Eastern Michigan University students enrolled at least half time (6 credits for undergraduates).
- † The Free Application for Federal Student Aid (FAFSA) is required to be considered for federal financial aid programs which include: Pell Grant, SEOG, Direct Subsidized Loan, Direct Unsubsidized Loan, Direct Parent PLUS Loan, and College Work Study.
- † Complete the FAFSA at www.fafsa.gov. EMU's school code is 002259. Once EMU receives a FAFSA you will be packaged with financial aid and sent an Aid Notification.
- † Aviation students will have EMU charges that will be billed by EMU and show up on their E-bill **AND** flight fees charged by Crosswinds Aviation.
- † Students are responsible for paying Crosswinds Aviation directly. Students may pay Crosswinds Aviation with their own funds or elect to borrow loans to cover the cost.

Financial Aid Steps:

- † File a FAFSA at www.fafsa.gov
- † Once registered for a flight course, contact the Office of Financial Aid for a Cost of Attendance (COA) increase.
- † Apply for additional funding (See options under Aviation Funding Loan Options)
- † Once aid has applied, if using loan funds to pay Crosswinds Aviation, use refund to pay the Crosswinds Aviation charges.

Scholarships:

University Scholarships are awarded by Admissions when a student is admitted. If you do not receive a scholarship your first year at EMU, you may apply through the University Scholarship Application that is available online each January at emich.edu/finaid.

Outside scholarships are awards made by organizations not affiliated with the school. Some websites to try include:

- † **AvScholars.com** - www.avscholars.com
- † **Federal Aviation Administration Scholarships and Grant Listing** - www.faa.gov/education/grants_and_scholarships/aviation/
- † **International Society of Women Airline Pilots** - <http://iswap.org/>
- † **National Business Aviation Association/NBAA Membership # 4843** - <https://www.nbaa.org/prodev/scholarships/>
- † **University Aviation Association / UAA Membership # 3740** - <https://www.uaa.aero/scholarships.php>
- † **Women in Aviation International** - <http://wai.org/education/scholarships.cfm> **Fastweb** - <https://www.fastweb.com/>
- † **Petersons** - <https://www.petersons.com/>
- † **Cappex** - <https://www.cappex.com/>
- † **Unigo** - <https://www.unigo.com/>
- † **Scholarships.com** - <https://www.scholarships.com/>

Loan Options:

It is important to note that standard financial aid packages are **not** enough to cover the flight fees at Crosswinds Aviation. For students who would like to borrow additional funds for the flight program the following options are available:

Direct Parent PLUS Loans: The PLUS loan is a loan for parents of undergraduate students. The parent may borrow up to the students cost of attendance minus any other aid the student is receiving. For flight students, you must contact the Office of Financial Aid, so that your cost of attendance can be adjusted for flight classes at Crosswinds Aviation. Parents may apply for the PLUS at www.studentaid.gov

Private Loans: Private Loans are credit based student loans offered by a number banks. Private loans require established credit, so most students require a credit worthy co-borrower. Many private lenders have co-borrower release, which means that after a number of on-time, consecutive payments the loan can revert from the co-borrower to the student. Co-borrower release makes this a popular option for families. For more information and to apply for a private loan you may visit www.emich.edu/finaid/loans/private.php

Private Parent PLUS Loans: Unlike Federal Direct Parent PLUS Loans, the borrower does not have to be the parent. Any credit-worthy adult may borrow on behalf of the student to pay for the student's education. A private PLUS loan does not have a co-borrower release option, it stays with the borrower for the length of the loan. For more information and to apply for a private loan you may visit www.emich.edu/finaid/loans/private.php

Contact: Service EMU - 268 Student Center(In Person) Phone: 734.487.1048. Email: financial_aid@emich.edu Web: emich.edu/finaid